

AMRITPREET SINGH

+1(573) 200-1100 ◊ Cape Girardeau, MO

amritpreet98@gmail.com ◊ [linkedin.com/in/amritpreet98](https://www.linkedin.com/in/amritpreet98) ◊ mraps98.github.io/portfolio-ts ◊ github.com/mraps98

OBJECTIVE

Highly skilled Full Stack Software Engineer with a proven track record in developing robust solutions across all layers of Enterprise Software. Leveraging advanced proficiency and years of experience, I am committed to delivering innovative software solutions. With a Master's degree boasting a 3.9 GPA, I bring a strong academic foundation to complement my professional expertise. Eager to apply my skills and expertise in a full-time Full Stack Software Engineer role, driving success and contributing to transformative projects.

SKILLS

JavaScript, React, NextJS, Typescript, PHP, C#.Net, Node.js, SQL, MySQL, NoSQL, Firebase, IIS, AWS, Docker, JSON, REST, API, GraphQL, Responsive Design, Bootstrap, Tailwind, TDD, Jest, C, C++, Java, Python, Domain Driven Design, Git, Software Development, Agile Methodologies, Linux, HTML, CSS, CI/CD, SDLC

EXPERIENCE

Software Engineer

July 2022 - Present

American Journal Experts

Durham, NC

- Spearheaded the comprehensive rebranding and redevelopment of our Full Stack AI suite (React, PHP Laminas, Bootstrap, MySql), culminating in its successful deployment to empower over 100k researchers worldwide.
- Pioneered the creation of an MS Word add-in (Next.js, ChakraUI) from inception to delivery, reaching 100k researchers and enhancing their productivity.
- Continuously enhanced and maintained the Word add-in (Next.js, ChakraUI), incorporating valuable features that significantly benefited 100k researchers.
- Innovated generative AI functionalities for our cutting-edge research application (React, PHP Laminas, Bootstrap, MySql), catering to a potential user base of 100k individuals.
- Steered the upkeep of the Preprints application (Next.js, CakePHP, AWS Lambda, MySQL), vital to over 200k researchers, ensuring seamless functionality and user experience.
- Managed and updated our state-of-the-art NextJS+Prismic+ChakraUI frontend, enabling the dynamic dissemination of blogs and marketing content to over 200k users.
- Architected and sustained the codebase for multiple flagship applications within the publishing domain, maintaining industry-leading standards (React, Next.js, PHP, MySql).
- Championed the development and maintenance of DevOps infrastructure (AWS), facilitating the efficient deployment of modern applications (CI/CD, GitHub Actions, Docker).

Full Stack Application Developer

May 2021 - July 2022

Element 74

Cape Girardeau, MO

- Orchestrated an exceptional 200%+ expansion in clientele for the Algos Pathways Full Stack Healthcare Application (React.js, C#.Net core, Entity Framework, MSSql).
- Seamlessly integrated Algos Pathways (React.js, C#.Net core, Entity Framework, MSSql) with Athena Electronic Health Records, driving a remarkable 200%+ surge in client adoption.
- Successfully launched the Stockhaus e-commerce application (React.js, Google Cloud Platform, Tailwind, Scss), securing a dominant market position and showcasing a high potential profit margin.

Graduate Assistant - Computer Science

Aug 2020 - May 2021

Southeast Missouri State University

Cape Girardeau, MO

- Innovated and released an open-source C library for efficient sparse tensor computations, decomposition, and storage, earning recognition with a poster presentation at the prestigious Super Computing 2021 conference.

- Engineered an automated grading system for student homework, reducing feedback time by over 50% through Python automation.
- Pioneered a Conversation Recommendation System (Chatbot) using IBM Watson to address students' inquiries about academic programs, resulting in a significant reduction of staff workload by more than 50%.
- Provided instructional support for Computer Architecture topics, including Assembly Language, Boolean Algebra, and Logic Gates, to a cohort of 30+ students.

IT & E-governance Intern

IPE Global

June 2018 - Aug 2018

New Delhi, India

- Developed a robust project management system tailored for the UP State government, leveraging PHP Code Igniter and MySQL technologies.
- Delivered a compelling presentation to the UP State Government, showcasing the project management system and its potential benefits.

EDUCATION

Master of Applied Computer Science, Southeast Missouri State University (3.9 GPA) 2019 - 2021

Bachelor of Computer Science, Webster University (3.7 GPA) 2016 - 2019

EXTRA-CURRICULAR ACTIVITIES

- Secretary at ACM (Association for Computing Machinery) Chapter SEMO
- Co-founder & member at School of Code (International Community School)